

INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

Applicant:

B. Kim

Attorney Docket No. SEMT116964

Application No.: 10/687,112

Group Art Unit: 1762

Filed:

October 15, 2003

Examiner: F.J. Parker

Title:

PROCESSES AND TOOLS FOR FORMING LEAD-FREE

ALLOY SOLDER PRECURSORS

U.S. PATENT DOCUMENTS

*Examiner	r Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name	
ВТ	_U1	5,902,472	Α	05/11/1999	Arai et al.	
ВТ	U2	5,940,235	Α	08/17/1999	Sasaki et al.	
ВТ	_ U3	5,948,235	A	09/07/1999	Arai	
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OTHER INFORMATION

(Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Cite No.	
BT	· O1	Kim, B., and T. Ritzdorf, "Electrochemically Deposited Tin-Silver-Copper Ternary Solder Alloys," <i>Journal of The Electrochemical Society 150</i> (2):C53-C60, 2002.
ВТ	O2	Kim, B., and T. Ritzdorf, "Electrodeposition of Ternary Near-Eutectic SnAgCu Solders With an Alkaline Bath," <i>Proceedings of the 2002 International Symposium and Exhibition on Advanced Packaging Materials, Session 3</i> , Stone Mountain Park, Georgia, March 3-6, 2002.

Examiner	Date Considered				
/Brian Talbot/	02/28/2007				

*Examiner: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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PLEMENTAL INFORMATION CITED BY APPLICANT THAT MAY BE MATERIAL TO THE PROSECUTION OF THE SUBJECT APPLICATION

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*Examiner			Kind	Date	
<u>Initials</u>	No.	Document No.	Code	(mm/dd/yyyy)	Name
BT	. U4	4,113,577	Α	09/12/1978	Ross et al.
	U5	4,137,867	Α	02/06/1979	Aigo
	. U6	4,339,319	. A	07/13/1982	Aigo
	. U7	4,565,609	Α	01/21/1986	Nobel et al.
	U8	4,565,610	Α	01/21/1986	Nobel et al.
	_ U9	4,599,149	Α	07/08/1986	Nobel et al.
	U10	4,617,097	Α	10/14/1986	Nobel et al.
	Ull	4,640,746	Α	02/03/1987	Nobel et al.
	U12	4,701,244	Α	10/20/1987	Nobel et al.
	U13	4,844,780	Α	07/04/1989	Lee
	U14	4,849,059	Α	07/18/1989	Deresh et al.
	U15	4,871,429	Α .	10/03/1989	Nobel et al.
	U16	4,880,507	Α	11/14/1989	Toben et al.
	U17	4,895,739	Α	01/23/1990	Bladon
	U18	4,959,278	Α	09/25/1990	Shimauchi et al.
	U19	4,994,155	Α	02/19/1991	Toben et al.
	U20	5,024,746	Α,	06/18/1991	Stierman et al.
	U21	5,066,367	Α	11/19/1991	Nobel et al.
ВТ	U22	5,094,726	Α	03/10/1992	Nobel et al.

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*Examiner Initials	Cite No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name
ВТ	U23	5,213,676	Α	05/25/1993	Reele et al.
	U24	5,282,953	Α	02/01/1994	Gernon et al.
	U25	5,289,038	Α .	02/22/1994	Amano
	U26	5,296,128	Α	03/22/1994	Gernon et al.
	U27	5,302,256	Α	04/12/1994	Miura et al.
	U28	5,344,607	A	09/06/1994	Gonya et al.
	U29	5,368,814	Α	11/29/1994	Gonya et al.
	U30	5,393,489	Α	. 02/28/1995	Gonya et al.
	U31	5,411,703	Α.	05/02/1995	Gonya et al.
<u>.</u>	U32	5,492,235	Α	02/20/1996	Crafts et al.
	U33	5,503,286	Α	04/02/1996	Nye, III et al.
	U34	5,542,174	Α	08/06/1996	Chiu
	U35	5,543,032	Α	08/06/1996	Datta et al.
	U36	5,569,433	Α	10/29/1996	Chen et al.
	U37	5,580,520	Α	12/03/1996	Slattery et al.
	U38	5,651,873	Α	07/29/1997	Uchiyama et al.
	U39	5,656,097	A	08/12/1997	Olesen et al.
	U40	5,672,260	A	09/30/1997	Carey et al.
<u>.</u>	U41	5,698,087	Α	12/16/1997	Bokisa
	U42	5,730,932	Α	03/24/1998	Sarkhel et al.
	U43	5,762,886	Α	06/09/1998	Jo
	U44	5,773,359	Α	06/30/1998	Mitchell et al.
	U45	5,789,271	Α	08/04/1998	Akram
	U46	5,833,921	Α	11/10/1998	Paruchuri et al.
	U47	5,874,043	. A	02/23/1999	Sarkhel et al.
	U48	5,911,866	Α	06/15/1999	Oshima et al.
	U49	5,958,333	Α	09/28/1999	Matsunaga et al.
BT	U50	5,993,736	Α	11/30/1999	Matsunaga et al.

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*Examiner Cite Initials No.	Document No.	Kind Code	Date (mm/dd/yyyy)	Name	
BT U51	6,010,060	Α	01/04/2000	Sarkhel et al.	
BTU52	6,013,572	Α	01/11/2000	Hur et al.	
Examiner	D	ate Considered	·		
/B	02/28/2007				

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